

Serial No. 10/038,784

Docket No. TI-33671

35. (Previously Presented) A method according to claim 34, further comprising:  
storing the second plurality of data packets in the receive packet buffer window with  
update lower and upper limits.
36. (Currently Amended) A method according to claim 34, wherein the minimum and  
maximum sequence numbers of data packets included in the second plurality of data packets  
~~corresponds~~ correspond to a lower limit and an upper limit respectively of the transmit packet  
buffer window of the transmitter.
37. (Currently Amended) A communication device comprising:  
means for receiving a first plurality of data packets from a transmitter in a receive packet  
buffer window of a receiver, wherein each one of the first plurality of data packets  
is marked with a sequence number and the receive packet buffer window has a  
lower limit indicating a minimum sequence number of ~~packet~~ data packets and an  
upper limit indicating a maximum sequence number of ~~packet~~ data packets that  
can be stored in the receive packet buffer window;  
means for sending an acknowledgement ~~to the transmitter~~ acknowledgement to the  
transmitter acknowledging receipt of the first plurality of data packets, wherein  
the acknowledgement includes an indication of sequence numbers of data packets  
that were not received by the receiver in the first plurality of data packets;  
means for receiving a second plurality of data packets from the receive packet buffer  
window corresponding to the minimum and maximum sequence numbers of data  
packets included in the second plurality of data packets if the second plurality of  
data packets does not include packets that were not received by the receiver in the  
first plurality of data packets.

Serial No. 10/038,784

Docket No. TI-33671

38. (Previously Presented) A communication device according to claim 37, further comprising:

means for storing the second plurality of data packets ~~in the receive packets~~ in the receive packet buffer window with update lower and upper limits.

39. (Currently Amended) A method of synchronizing a receive packet buffer window in a receiver with a transmit packet buffer window of a transmitter in a data communication system comprising:

receiving a first plurality of data packets from the transmitter in the receive packet buffer window of the receiver;

sending an acknowledgement to the transmitter from the receiver, the acknowledgement acknowledging receipt of one or more of the first plurality of data packets and indicating that one or more of the first plurality of data packets were not received by the receiver; and

receiving a second plurality of data packets from the transmitter in the receive packet buffer window of the receiver; and

updating a lower limit and an upper limit of the receive packet buffer window corresponding to a minimum and a maximum sequence numbers respectively of data packets included in the second plurality of data packets.

40. (Currently Amended) A method according to claim 39, wherein each one of the first plurality of data packets is marked with a sequence number and the lower limit of the receive packet buffer window indicates the minimum sequence number of ~~packet~~ data packets and the upper limit of the receive packet buffer window indicates the maximum sequence number of data packets that can be stored in the receive packet buffer window.

Serial No. 10/038,784

Docket No. TI-33671

47. (Previously Presented) A method according to claim 39, wherein the lower limit and the upper limit of the receive packet buffer window <sup>are</sup> ~~is~~ updated if the second plurality of data packets does not include packets that were not received by the receiver in the first plurality of data packets.